

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062724\
 Data File : VV036311.D
 Acq On : 27 Jun 2024 16:09
 Operator : SY/MD
 Sample : P3505-07
 Misc : 5.39g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 28 02:30:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 28 00:39:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

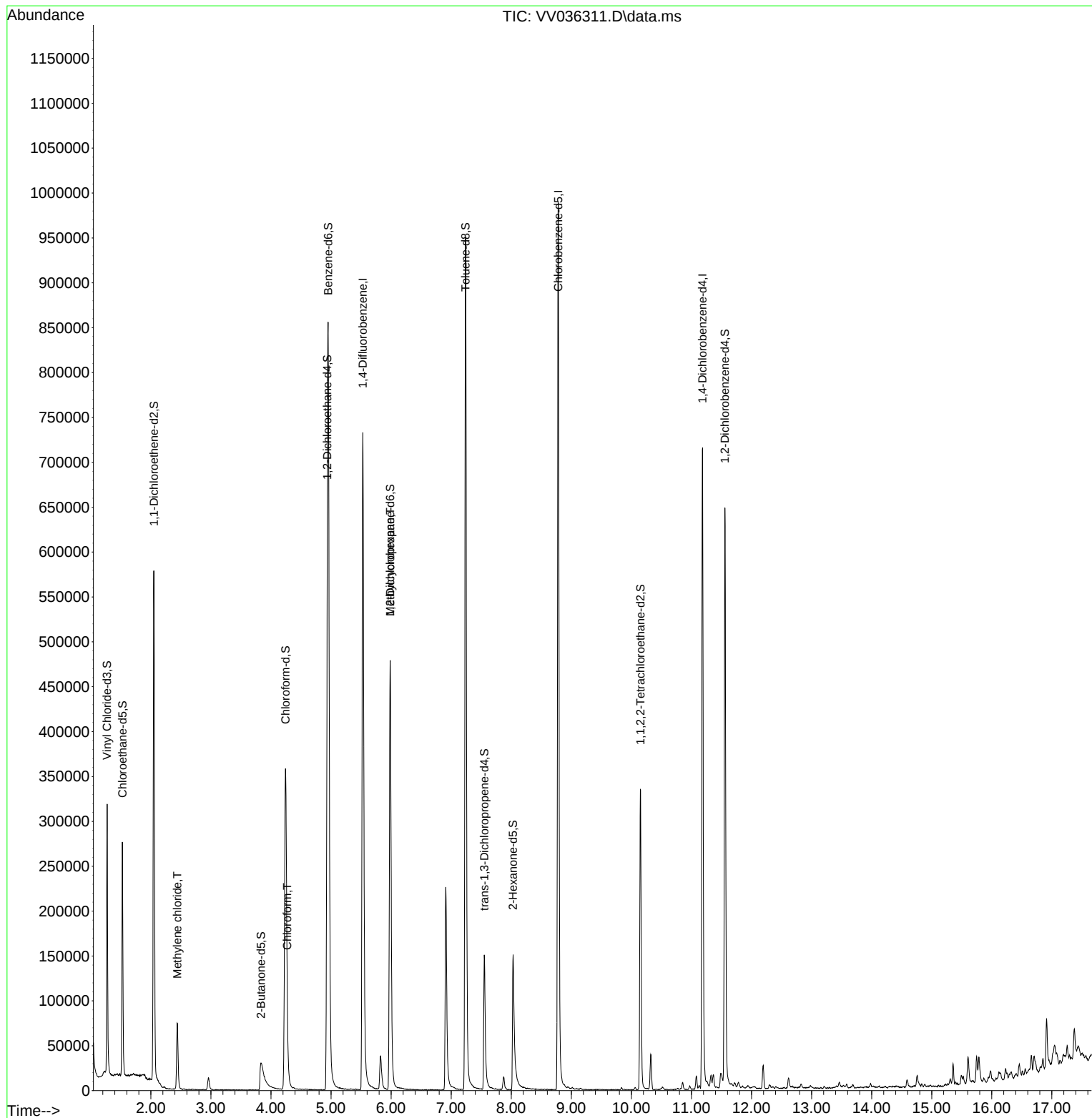
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	659137	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	582220	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	194595	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	203361	18.167	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.680%
7) Chloroethane-d5	1.526	69	175517	19.630	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.520%
11) 1,1-Dichloroethene-d2	2.050	65	95746	18.194	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.760%
21) 2-Butanone-d5	3.834	46	73200	28.175	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.340%
24) Chloroform-d	4.243	84	394667	20.285	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.120%
26) 1,2-Dichloroethane-d4	4.937	65	227941	21.969	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.880%
32) Benzene-d6	4.953	84	796143	24.224	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.880%
36) 1,2-Dichloropropane-d6	5.985	67	238576	24.133	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.520%
41) Toluene-d8	7.239	98	662188	22.346	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	7.551	79	95042	21.529	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.120%
47) 2-Hexanone-d5	8.030	63	58734	37.220	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.440%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	162862	20.097	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.400%
66) 1,2-Dichlorobenzene-d4	11.558	152	169162	23.855	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.400%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.439	84	34957	2.694	ug/L	96
25) Chloroform	4.272	83	12176	0.623	ug/L	90
35) Methylcyclohexane	5.985	83	61451	4.052	ug/L #	21

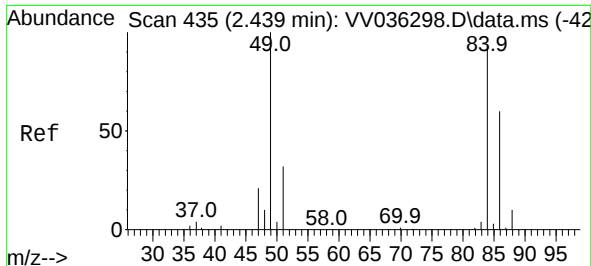
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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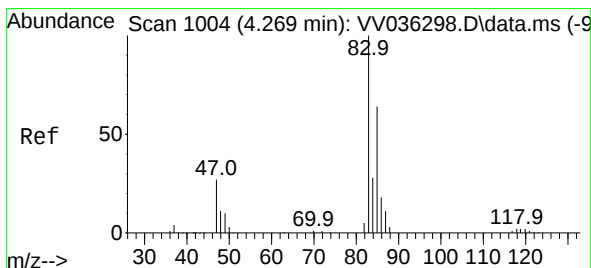
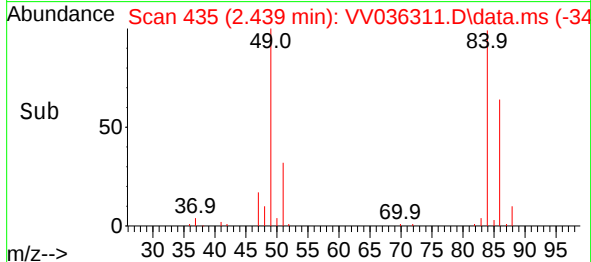
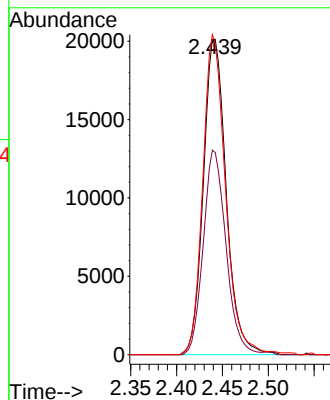
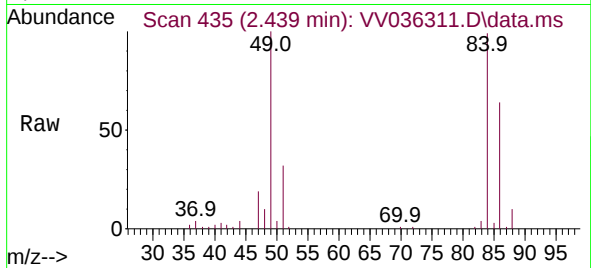




#16
Methylene chloride
Concen: 2.694 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV036311.D
Acq: 27 Jun 2024 16:09

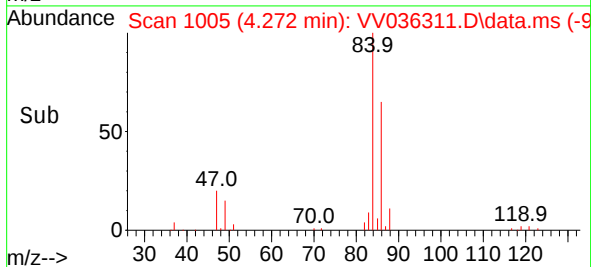
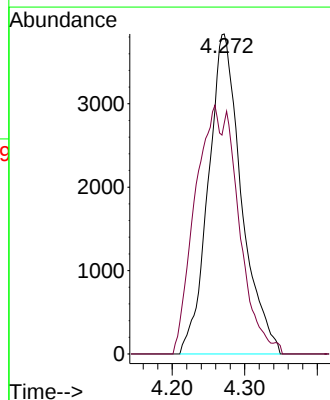
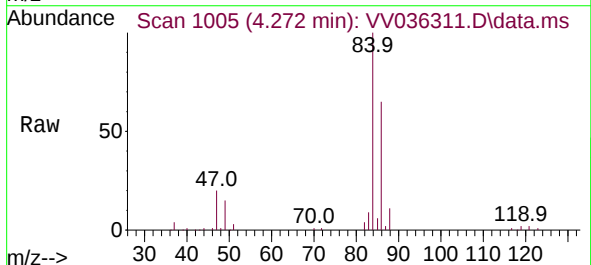
Instrument :
MSVOA_V
ClientSampleId :

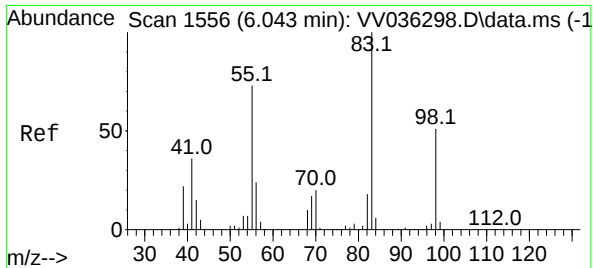
Tgt Ion: 84 Resp: 34957
Ion Ratio Lower Upper
84 100
86 64.9 45.6 84.8
49 101.5 75.7 140.5



#25
Chloroform
Concen: 0.623 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.003 min
Lab File: VV036311.D
Acq: 27 Jun 2024 16:09

Tgt Ion: 83 Resp: 12176
Ion Ratio Lower Upper
83 100
85 72.1 45.0 83.6





#35
 Methylcyclohexane
 Concen: 4.052 ug/L
 RT: 5.985 min Scan# 1
 Delta R.T. -0.058 min
 Lab File: VV036311.D
 Acq: 27 Jun 2024 16:09

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 83 Resp: 61451
 Ion Ratio Lower Upper
 83 100
 55 0.5 56.0 84.0#
 98 0.0 39.0 58.6#

